

June 2009 Workshop Presentations

Renewable Energy at Closed Landfills

The Massachusetts Department of Environmental Protection (MassDEP) and [Department of Energy Resources](#) (DOER) presented a workshop on June 17, 2009, for municipal officials, solid waste consultants and renewable energy project developers about the unique issues surrounding the development of solar or wind installations at closed landfills.

Workshop presentations, available for download below, addressed siting considerations, potential impacts on landfill caps, economic incentives currently available to minimize installation costs, and case studies of renewable energy installations on closed municipal landfills.

Case Studies & Lessons Learned

Wind: Hull 2-Hull Municipal Landfill, Massachusetts

Stephen Wright, SEA Consultants Inc. & Marc Fournier, MassDEP
[PDF](#) 8.1 MB

Solar: Pennsauken Landfill Renewable Energy Park, New Jersey

Mark Messics, PPL Renewable Energy
[PDF](#) 4.6 MB

Site Considerations

What Makes a Site Desirable?

Solar: Mark Messics, PPL Renewable Energy
[PDF](#) 1.5 MB

Wind: Patrick Quinlan, UMass Center for Energy Efficiency & Renewable Energy
[MS Powerpoint](#) 6.4 MB | [PDF](#) 8.3 MB

Landfill Installation Considerations

Solar: Gary Garfield, URS Corp.
[MS Powerpoint](#) 5.8 MB | [PDF](#) 303 KB

Wind: Gary Garfield, URS Corp.
[MS Powerpoint](#) 6.1 MB | [PDF](#) 811 KB

Permitting Considerations

Mark Dakers, MassDEP Southeast Regional Office

[MS Powerpoint](#) 5.0 MB | [PDF](#) 151 KB

Project Economics

State Programs & Policies

Meg Lusardi, Deputy Director, DOER Green Communities Division

[MS Powerpoint](#) 276 KB | [PDF](#) 130 KB

Third Party Economics

Daniel Leary, Nexamp Inc.

[MS Powerpoint](#) 3.1 MB | [PDF](#) 1.9 MB

Commonwealth Solar/Commonwealth Wind

Jim Christo, Massachusetts Renewable Energy Trust

[MS Powerpoint](#) 2.9 MB | [PDF](#) 1.4 MB

Interconnections & Transmissions

Dave Larson, National Grid

[MS Powerpoint](#) 812 KB | [PDF](#) 521 KB